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Page : 2 of 9

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SUMMARY OF CLAIM AMENDMENTS

Claims 1-6, 8-23 and 26-33 are pending in this application prior to the amendments.

Claims 1-6 and 8-23 are being canceled without prejudice or disclaimer. Claims 26, 28, 29, 30, 32 and 33 are being amended.

After the amendments, claims 26-33 will be pending.

CLAIM LIST

1.-25. (Canceled)

26. (Currently Amended) A method of preparing a cellular composition with a reduced amount of neoplastic cells by selectively removing neoplastic cells from a mixed cellular composition located outside of a living organism, said method comprising the steps of:

(a) providing a mixed cellular composition which comprises neoplastic cells and contacting the mixed cellular composition with a virus, wherein the virus is capable of selectively killing the neoplastic cells, under conditions which result in substantial killing of the neoplastic cells so as to selectively remove neoplastic cells from the composition, wherein the neoplastic cells are selected from the group consisting of ras-activated neoplastic cells, p53-deficient neoplastic cells, Rb-deficient neoplastic cells, and neoplastic cells that are not growth-inhibited by interferon, and the virus is selected from the group consisting of reoviruses, vaccinia viruses having a mutation in the K3L or E3L genes, herpes simplex viruses having a mutation in the γ134.5 gene, parapoxviruses having a mutation in the OV20.0L gene, and adenoviruses having a mutation in the E1A or E1B gene; and

(b) removing the virus from the treated composition; and

(c) collecting the resulting composition.

27. (Previously Presented) The method of Claim 26 wherein the mixed cellular composition comprises hematopoietic stem cells.

28. (Currently Amended) The method of Claim 26 27 wherein the hematopoietic stem cells have been harvested from bone marrow.

29. (Currently Amended) The method of Claim 26 27 wherein the hematopoietic stem cells have been harvested from blood.

30. (Currently Amended) The method of Claim 26 wherein the mixed cellular composition comprises a tissue, an organ or any portion of a tissue or an organ.

31. (Previously Presented) The method of Claim 30 wherein the tissue or organ is selected from the group consisting of liver, heart, kidney, cornea, skin, lung, pancreatic islet cells, and whole blood.

32. (Currently Amended) The method of Claim 26 wherein the mixed cellular composition comprises cultured cells, semen and eggs.

33. (Currently Amended) A composition of viable non-neoplastic cells comprising the cellular composition with a reduced amount of neoplastic cells, prepared according to the method of Claim 26.